

ABSTRACT OF THE DISCLOSURE

A channel pointer extractor extracts channel  
pointer value inserted in a SDH signal based on the  
pointer position information contained in the channel  
information, each time the channel information is  
detected by a channel information detector. A  
reference data readout section readouts the reference  
data of the channel specified by the channel  
identification information contained in the channel  
information from a reference data memory, each time the  
channel information is detected by the channel  
information detector. A pointer processing section  
judges the states of justification and alarm, from the  
channel pointer value extracted from the channel  
pointer extractor, and reference data read out by the  
reference data readout section and generates a new  
reference data based on the judgment results.

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